DETAILED ACTION

1. Claims 2 and 4-7 are previously allowed in the NOA mailed on 05/17/2010.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with George Guang Yang on 07/30/2010 (Pro Se Applicant).

Please amend the application as follow:

1. (Cancelled)

2. (Currently amended) An integrated relational database data editing system providing a visual environment, graphic user interfaces and tools in a client computer to remotely access a server computer that contains a relational database and to manage and edit said database data contents through either intranet or Internet, and said system includes the following mechanisms and characters:

(i) said client computer retrieves the database data from the remote server computer database, modifies, updates, input, output the data and then sends the data back to the original database;

(ii) said client computer directly edits and modifies the database data without writing detail computer language codes in an efficient and easy-to-use manner;

(iii) said client computer directly edits and modifies the large text data type and large binary data type by using a plurality of commercial text and multimedia data editors installed on the client computer;

(iv) said database data editing system uses TCP/IP (Transfer Control Protocol/Internet Protocol) based connection-oriented network protocols to communicate between the client and server computers; and

(v) said database data editing system implements user authentication and access control mechanisms which assigns different user groups with different privileges, wherein the database data editing system contains the well-defined graphic user interfaces and tools that display a database table or a subset data of a table and have the following characters:

(i) said database data on each table cell is defaulted as read only;

(ii) said database small text data on each table cell is directly edited when single-clicked by the mouse;

(iii) said table cell contains a small icon as a place-holder for the large text data type or large binary data type;

(iv) said commercial data editor is popped up from the local client computer when double-clicked the small icon of a table cell by the mouse and the database data is downloaded into the data editor from the remote server database and the edited data is then sent back to the original database when data editing is completed; and

(v) said data editor is either a text editor or a multimedia editor depending on the database data type inside the table cell[[.]];

Wherein a client/server version of the integrated database data editing system implemented by using Java technologies and deployed to the intranet; and

Wherein a web version of the database data editing system implemented by using web and Java technologies and deployed to Internet and other network systems, and further has more advantages to implement the security features by using the PKI (public Key Infrastructure), SSL (Secure Socket Layer) and firewall.

3. (Cancelled)

4. (Previously amended) An integrated relational database data editing system providing a visual environment, graphic user interfaces and tools in a client computer to remotely access a server computer that contains a relational database and to manage and edit said database data contents through either intranet or Internet, and said system includes the following mechanisms and characters:

(i) said client computer retrieves the database data from the remote server computer database, modifies, updates, input, output the data and then sends the data back to the original database;

(ii) said client computer directly edits and modifies the database data without writing detail computer language codes in an efficient and easy-to-use manner;

(iii) said client computer directly edits and modifies the large text data type and large binary data type by using a plurality of commercial text and multimedia data editors installed on the client computer;

(iv) said database data editing system uses TCP/IP (Transfer Control Protocol/Internet Protocol) based connection-oriented network protocols to communicate between the client and server computers; and

(v) said database data editing system implements user authentication and access control mechanisms which assigns different user groups with different privileges, wherein the database data editing system contains a Database Data Manager in the client computer comprising a Header Panel and a Detail Panel, which provides a user-friendly visual environment and tools to manage and edit the database data contents, and

wherein the Header Panel of the Database Data Manager contains a list of databases and database tables for each database, and

(i) a Detail Panel is popped up when double-clicked the database name; and

(ii) a database table is popped up when double-'clicked the table name.

5. (Previously amended) The Detail Panel of claim 4 further contain:

(i) a Database Designer for creating and modifying the database;

(ii) an Entity Relationship Designer for editing and managing the entity relationships of the database tables;

(iii) a Table Designer for designing and modifying the database tables;

(iv) a Database Schema for designing and modifying the database data structure and micros;

(v) a Data Filter for selecting a set of data from one or more database tables; and

(vi) an SQL Console for writing and executing the SQL codes to the remote server database.

6. (Currently amended) A client/server version of the integrated database data editing system of claim [[2]] 4 is implemented by using Java technologies and deployed to the intranet.

7. (Currently amended) A web version of the database data editing system of claim [[2]] 4 is implemented by using web and Java technologies and deployed to Internet and other network systems, and further has more advantages to implement the security features by using the PKI (public Key Infrastructure), SSL (Secure Socket Layer) and firewall.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Baoquoc N. To whose telephone number is at 571-272-4041, or unofficial fax number for the purpose of discussion (571) 273-4041 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John Breene can be reached at 571-272-4107.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3900.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is assigned are as follow:

(571) 273-8300 [Official Communication]

/Baoquoc N To/

Primary Examiner, Art Unit 2162

/J. B./

Supervisory Patent Examiner, Art Unit 2162